

CONFIDENTIAL
INFORMATION REPORT

COUNTRY Germany (Russian Zone)
SUBJECT Activities of the Konstruktionsbüro
of SAG Kabel, Dresden-Niedersedlitz

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1. The main task of the Konstruktionsbüro of SAG Kabel, Dresden-Niedersedlitz during the latter half of 1950 was the design of machine tools for the manufacture of three types of electric motors in the following sizes:
 - a. DC motors, sizes 02, 03, 041, 042, 051, 052, 061, 062, 071, 072, 081, 082. The sizes vary from 5 watt, 5000 rpm and 10 watt, 8000 rpm (size 02) to about 600 watt (size 082).
 - b. Universal AC-DC motors. Sizes 02 to 07 were also designed as universal motors.
 - c. Single-phase induction motors. Sizes 11, 12, 21, 22, 31, 32. Sizes 31 and 32 were designed as three-phase motors in 1949, and have now been adapted as single-phase motors.
2. Drawing-board work on these projects is expected to be complete by the middle of January 1951. Work on the production of the machine tools themselves will probably occupy the office until July 1951.
3. Other tasks recently completed by the design office include:
 - a. Manufacture of a new armature winding machine for the Sachsenwerk, Radeberg.
 - b. Design of a starter circuit-breaker and the machine tools necessary for its manufacture. This circuit-breaker automatically switches on an auxiliary phase for two seconds to start the single-phase motors.
 - c. Design and manufacture of machine tools for the manufacture of the RVG 903 decimeter set by the Sachsenwerk Radeberg.
4. The work described in paragraphs 1 and 3 (b) was on behalf of the Russian Directorate of SAG Kabel.

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